

**EXPRESSION OF INTEREST (EOI)
For
EMPANELMENT OF MANUFACTURERS OF**

Bio Fertiliser	Micro Nutrients	Organic Fertiliser	100% Water Soluble Fertiliser
• Rhizobium	• Ferrous Sulphate (FeSO ₄ .7H ₂ O)	• City Compost	• Potassium Nitrate (13-0-45)
• Azotobacter	• Zinc Sulphate Mono-hydrate (ZnSO ₄ .H ₂ O)	• Phosphate Rich Organic Manure (PROM)	• Mono-Potassium Phosphate (0-52-34) (100% water soluble)
• Azospirillum	• Zinc Sulphate Monohydrate (Granular)	• Organic Manure	• Calcium Nitrate
• Phosphate Solubilising Bacteria	• Bentonite Sulphate	• Bio-Enriched Organic Manure	• Potassium Magnesium Sulphate
• Potassium Mobilising Biofertilisers	• Mix Micro Nutrients	• Divela Khol (caster de oil cake)	• Mono Ammonium Phosphate 12:61:0 (100% water soluble)
• Liquid Consortia	• Chelated Zinc as Zn-EDTA	• Limboliya Khol (Neem De Oil Cake)	• Urea Phosphate 17:44:0 (100% Water Soluble)
• Zinc Solubilizing Biofertilizers (ZSB)	• Chelated Iron as Fe-EDTA		
• Mycorrhizal Biofertiliser	• Copper Sulphate (CuSO ₄ .5H ₂ O)		

**FOR SUPPLY OF PRODUCTS TO FARMERS UNDER VARIOUS
SCHEMES OF AGRICULTURE, CO-OPERATION & FARMER WELFARE
DEPARTMENT, GOVERNMENT OF GUJARAT**

BY

DIRECTOR OF AGRICULTURE

**KRISHI BHAVAN- SECTOR 10A, "CH-ROAD",
GANDHINAGAR- 382010
Phone : (079) 23256154**

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MAY, 2018

PRICE: Rs. 5, 000/- (Rupees Five Thousand only)

INVITATION FOR EXPRESSION OF INTEREST (EOI)

The agro vision of Government of Gujarat envisages improving the quality of life of the rural population by widening their employment opportunities and increasing their income. 63% of the population of Gujarat, who lives in rural areas, depends for its livelihood on agriculture and its allied activities. The Government of Gujarat is sensitive to the role of Agriculture in Economic development with a vision of:

- Greater wealth creation for farmers and farm labourers
- Offer a sustainable increase in productivity
- Ensures Food Security
- Offer higher value addition to agricultural produce and exports

To achieve this vision, the Government of Gujarat through its Director of Agriculture and Director of Horticulture implements various Agriculture and Horticulture developmental programmes and provides financial assistance to farmer for increasing farm productivity in sustainable manner.

➤ ***AGR-2/3/4/6/NFSM/RKVY- Scheme Detail:***

For the purpose of motivating farmers for fast adoption of better farm practices and using agriculture input such as fertiliser & insecticides in efficient way for the agriculture activity, Department of Agriculture Co-operation & Farmer Welfare, Government of Gujarat is providing financial assistance to the farmers for the purchase of fertiliser and insecticides. The various schemes are as follows:

Sr.	Category/Scheme	Product and Quantum of Financial Assistance
1	NMOOP	Micronutrients (With Bio fertilizers), 50% of cost or Rs. 500/- whichever is less. Assistance for max. two hectares per farmer
2	NFSM	Micronutrients (With Bio fertilizers) , Rs.500/ha
3	AGR -2 (General)	Micronutrients (With Bio fertilizers) 50% of cost or Rs.500/-, Whichever is less. Assistance for max. two hectares per farmer
4	AGR-3 (ST)	Micronutrients (With Biofertilizers), 75 % for purchasing Cost or maximum Rs. 750/- Per ha
5	AGR-4	Micronutrients (With Biofertilizers), 75% of cost or limit of Rs.750/- per hectare whichever is less, maximum up to two hectares

The Financial Assistance will be as per the Government norms prevailing at the time of sanction of financial assistance. The following table shows scheme wise nos. of beneficiaries covered and quantum of assistance provided in the last three years and target for 2017-18

(Rs. Lakhs)

Sr.	Name of Scheme	No. of Beneficiaries (Achievement)						Target	
		2014-15		2015-16		2016-17		2017-18	
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	National Mission On Oil seed and Oil Palm (NMOOP)	154	0.771	2187	7.86	2718	7.47	2700	8.10
2	National Food Security Mission (NFSM)	8368	22.26	15243	58.29	26503	99.26	45749	228.75
3	AGR-2, Agriculture Support Programe other than SC/ST farmers	26734	74.38	24330	99.92	35583	126.97	30000	150.0
4	AGR-3 (For ST Farmer)	4400	20.19	5176	27.05	7638	35.83	8500	63.75
5	AGR-4 (Old AGR-16) Scheduled Castes Sub-Plan for Distribution of Seeds and Fertilizers input Kits Subsidized rates to S.C farmers	4991	21.67	5952	30.98	7587	41.534	8933	67

With an objective to see that the farmers get specified product having the best quality at reasonable price, the Director of Agriculture (D. Ag.) has been directed to empanel manufacturers of fertilizers for the successful large scale implementation of this scheme.

Director of Agriculture on behalf of farmer is calling the best price offer from the manufacturers of Bio fertilizers, Organic Fertiliser, Micro Nutrients and 100% Water Soluble Fertiliser. This may also help the manufacturers to increase their market share in the State considering the large scale implementation of the scheme.

All schemes other than the stated above of Government of Gujarat and Government of India implemented by Agriculture, Co-operation and Farmer Welfare Department are also covered under this empanelment. ***Only those manufacturers who will be successful in empanelment at the end of this exercise will be able to supply product mentioned in this document to the farmers who want to avail financial assistance under any scheme implemented by Agriculture, Co-operation & Farmer Welfare Department.*** The list of empanelled manufacturer containing details such as price offer and their dealer network in the State will be published in the public domain with an objective to facilitate the farmer to select specified quality of product at the same reasonable price across the State.

SCHEDULE FOR INVITATION OF EOI

NAME: Empanelment of Manufacturers of fertiliser for supply to farmers under various schemes of Agriculture, Co-Operation & Farmer Welfare Department, Government of Gujarat

To	
Name of Department/Authority	Director of Agriculture (D.Ag.), Krishi Bhavan, Sector- 10A, "CH-Road", Gandhinagar- 382010
Issue of EOI	From 24/05/2018 at 15:00 hrs
Last Date for Submission of Price Offer online on N-procure website	14/06/2018 up to 17.00 hrs.
Last Date for Submission of EOI Proposal (physical)	14/06//018 up to 18.00 hrs.
Technical Proposal Opening Date & Time:	15/06/2018 at 11:30 hrs.
EOI Submission Address	Director of Agriculture, Krishi Bhavan, Sector- 10A, "CH-Road", Gandhinagar- 382010
Pre-EOI Meeting	On 04/06/2018 at 13:00 hrs at the Office of Director of Agriculture, Krishi Bhavan, Sector -10A, "CH-Road", Gandhinagar- 382010
Price Offer Opening Date & Time:	Will be communicated once the technical scrutiny of the EOI document will be completed.
EOI document Fee	Rs. 5,000/- (Rupees Five Thousand Only) in form of Demand Draft from any Scheduled/Nationalised Bank
EOI Fee Payable to	"Account officer Directorate of Agriculture", Payable at Gandhinagar
Price Offer	The agency shall submit their best possible price offer in electronic format only on website www.nprocure.com after digitally signing the same. Offers which are not digitally signed will not be accepted. Price offer in physical form will not be accepted and any such offer if received will be outright rejected.
Joint Venture/Consortium	Not allowed
EOI currency Setting	Indian Rupee (INR)

Note:

- 1 Please address all queries and correspondence to the Director of Agriculture, Krishi Bhavan, Sector- 10A, "CH-Road", Gandhinagar- 382010 or D. Ag email address: **cottongujarat@gmail.com**
- 2 If the Office of the Director of Agriculture happens to be closed on the day of receipt of the EOIs as specified, the EOIs will be received and opened on the next working day on opening of the Office up to the same time and at the same venue.
- 3 Please quote Ref. Number in all your correspondence.

General Instructions

Proposal in the form of EOIs in duplicate is requested in complete accordance with the documents/attachments as per following guidelines:

- 1.0 The manufacturer can download the EOI document free of cost from the website, but will need to submit the EOI document along with the DD for EOI Document Fee at the time of physical submission.
- 2.0 EOI in physical form will have to be submitted for technical proposal alone. Such submission will have to be accompanied by required forms and documents, and instrument for payment of EOI Document Fee.
- 3.0 EOI Document Fee shall have to be paid of the amount stated in the Notice Inviting Online Tenders section
- 4.0 **Technical Proposal:** Interested Party shall submit physically their proposal in sealed envelopes super-scribed with due date, time, project and nature of EOI. Original and one copy of **TECHNICAL PROPOSAL** comprising **Annexure- 1, 2, 3, 4, and 6 (if applicable)**. Complete with all technical details asked for. Original printed document shall be considered as authentic. **All pages of the proposal must be signed & stamped.**
- 5.0 **The manufacturer shall submit their best possible price offer in electronic format only on website www.nprocure.com after digitally signing the same.** No offer in physical form will be accepted and any such offer if received will be outright rejected. Also any reference of the Price, quotes etc in physical submission shall result in rejection of the offer of the agency.
- 6.0 Products offered should be strictly as per specifications mentioned in this EOI Document. Please spell out any unavoidable deviations, article-wise, in your proposal under the heading "Deviations".

Yours faithfully,
For and on behalf of

Director of Agriculture
Gandhinagar

To be pasted on the outer envelope containing EOI Fees & Technical Proposal

DO NOT OPEN – THIS IS A EOI

Empanelment of Manufacturers of Fertiliser for supply to farmers under various schemes of Agriculture, Co-Operation & Farmer Welfare Department, Government of Gujarat		
Due Date	:	
Time	:	
From		To
<Name of Manufacturer>		Director of Agriculture
<Address>		Krishi Bhavan, Sector 10-A, Gandhinagar
<Phone no.>	:	Phone : (079) 23256154

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1.0 OBJECTIVE OF THE EOI

- To derive the best price for the specified quality and specification of Organic Fertiliser, Bio-Fertiliser, Micro Nutrients and 100% Water Soluble Complex Fertiliser through price discovery method.
- To ascertain the specified quality product is available to the farmer directly from the manufacturers/through its authorised dealer.
- To facilitate farmer in procuring the specified product at reasonable rate and at the time same ensuring the quality of supply as per specification.

Hence with above objectives and to safe guard the interest of farmer it is envisaged to empanel manufacturers.

2.0 TERMS OF REFERENCE FOR THE AGENCY

- i.) At the end of this exercise, a separate list of empanelled manufacturers and their price offer for various fertiliser products and list of authorised dealer will be published in the public domain (i.e. ikhedut portal). The best price offer discovered would be applicable for a period of 12 months. The new price offer will be called for after 12 months.
- ii.) No dealers or traders are allowed to participate in this EOI process. The manufacturer shall issue power of attorney as per **Annexure-7** to its employee only. **In case of 100% Water Soluble complex fertiliser**, the authorised importer is allowed to participate in this EOI exercise subject to their product license under Fertiliser (Control) Order, 1985 and its latest amendments.
- iii.) The manufacturer will have to submit detail specification for each product they are offering for empanelment. The manufacturer will submit their price offer only for the product for which they have submitted the specification and applicable valid license under FCO, 1985 and its latest amendment. They will be empanelled for that particular product/s only.

- iv.) The empanelled manufacturer shall have to appoint GAIC's Agri Service Center & Agri Business Center/Gujarat State Seed Corporation/GUJCOMASOL network/Government Registered Co-operative societies as their authorised dealer for supply of fertiliser to farmer under various subsidy schemes of Authority. **The list/detail of dealers is available at Annexure -8.** The empanelled manufacturer shall appoint any of the above as their dealer for supply to farmer. The farmer will directly purchase product from any of the authorised dealer declared by the manufacturer. The subsidy shall be provided at source to the authorised dealer through whom the product is supplied to farmer as per existing practice.
- v.) The authority is not responsible for non payment of goods supplied to the authorised dealers. Further, the Authority is not liable to pay/compensate for any damages that may arise from manufacturer-dealer relation/situations etc. Authority does not guarantee purchase of the any quantities to the empanelled manufacturers.
- vi.) During the empanelment period no escalation charges will be allowed.
- vii.) All rules & regulation for product specifications, quality standards, manufacturing process and packaging should be as per FCO, 1985 and its latest amendments publish during the period of empanelment. It shall be followed by the manufacturer strictly. Any liability arising on non conformity shall be the sole responsibility of the manufacturer.
- viii.) The empanelled manufacturer has to print one line tag/sticker on each packing mentioning product supplied under subsidy scheme. The design of the tag/sticker will be provided by Authority.
- ix.) If the goods supplied at dealer location are not conforming to the specification as per FCO, 1985 the manufacturer shall withdraw all such goods at their own cost.
- x.) If required the Authority may conduct physical inspection of the manufacturing facility/sample of product supplied. On physical inspection if it is found that the proposed production unit/sample of product is not in accordance with, what is claimed by the manufacturer in the proposal and is not conforming to the specification as per FCO, 1985, the manufacturer shall be liable for misleading

Authority and shall result in forfeiture of performance security along with its empanelment.

- xi.)** The Authority may levy a penalty on the empanelled manufacturer if found that supplied product are not conforming to standards/quality parameter as per FCO, 1985. The cost of such product/s would be recovered from the bank guarantee submitted by the manufacturer.
- xii.)** The Authority has right to disengage the empanelment of the manufacturer if it is found that product supplied by manufacturer is not as per FCO specification. In case any violation of FCO by the manufacturer or its retailer, the empanelment of such manufacturer shall be cancelled.
- xiii.)** The manufacturer shall have to submit the renewed license to the authority as and when it gets invalid during the period of empanelment.
- xiv.)** If at any time it is noticed that the manufacturer has supplied same product at a lower price in the open market during the period of this empanelment, the Authority shall take suitable appropriate course of action against the empanelled manufacturer.
- xv.)** If the interested manufacturer will be backed out at any stage of this exercise, the manufacturer will become ineligible to participate in any such empanelment exercise to be carried out by the authority in future.

3.0 MINIMUM ELIGIBILITY CRITERIA

APPLICABLE FOR BIO FERTILISER/MICRO NUTRIENTS/ORGANIC FERTILISER

- a) Manufacturers who have necessary valid license under the Fertiliser (Control) Order, 1985 and its latest amendments from time to time for all offered products are eligible to participate in this EOI. **Only manufacturers can apply in this EOI.** The manufacturer should submit a copy of A2 clearly indicating the name of the product for which approval is received and Udyog Aadhar Registration. For

City Compost, the manufacturer shall have tie up with any municipal corporation, nagarpallika.

- b) A certificate from Deputy Director Agri (Ext) of the concerned district in the State of Gujarat shall be submitted by agency to ascertain their status as manufacturer. (i.e. concern district means - district where the manufacturing unit of agency is located).

FOR 100% WATER SOLUBLE FERTILISER

- c) In case of 100% Water Soluble fertiliser, the Authorised importer of the said product is allowed to participate in this EOI exercise subject to their product license under Fertiliser (Control) Order, 1985 and its latest amendments and license for Import of said product. A copy of Import Export Registration shall be submitted.

4.0 SELECTION PROCESS

- i. The interested manufacturer shall submit its technical proposal of EOI as per **Annexure- 1, 2, 3, 4, and 6 (if applicable)**. Incomplete information in Technical proposal will lead to disqualification of the manufacturer for this exercise.
- ii. To safeguard the interest of farmer, the authority on behalf of farmer, is asking the manufacturer to submit their best possible price offer for the specified minimum quality and specification of product as given at **Annexure-3**.
- iii. The price offer should be uniform across the State for a specified product as described in this document.
- iv. The price offer of only those manufacturers will be opened who will be declared eligible at the end of technical scrutiny.
- v. A list of selected manufacturer along with the best price discovered will be prepared and published.

5.0 PRICE OFFER

- i.) The price offer should cover all applicable taxes and at FOR dealer's place.
- ii.) The manufacturer can offer price for different sizes of packing. **The different pack size that can be offered for each product is given in Annexure- 7.**
- iii.) The price offer should be valid up to **31st March, 2019. The price offer should be given online only as per the format given at Annexure-5.** Any mention of price offer in the physical form of EOI will be liable for rejection of entire EOI.
- iv.) The manufacturer should submit at least 3 latest invoices* raised during last twelve months for each product/brand and for each packing size proposed for empanelment. (Note: * Invoices means GST Invoice Copy)
- v.) The manufacturer shall categorically confirm strict compliance with the following stipulation in respect of their offer.
 - a) Any effort by manufacturer or manufacturer's agent/consultant or representative howsoever described to influence the Authority in any way concerning scrutiny/ consideration/ evaluation/ comparison of the EOI or decision concerning empanelment shall entail rejection of the EOI.
 - b) EOI should be submitted directly by the Manufacturer.
- vi.) Authority reserves the right to seek clarification/ justification/negotiation from the manufacturer on the price offer in case Authority deems it necessary. Based on the justification provided by the manufacturer, if Authority feels that the price offer is unrealistic/ unfeasible for the product of this nature, Authority reserves the right to reject the said price offer. The manufacturer shall be governed by the decision of Authority.

6.0 PERFORMANCE SECURITY

The empanelled manufacturer shall submit a Performance Security of **Rs. 5,00,000** (Rupees Five Lakhs only) for Micro Nutrient Product Category and 100% Water Soluble Fertiliser Product Category and **Rs. 2,00,000/-** (Rupees Two Lakhs Only) for Other products mentioned in this EOI in the form of Bank Guarantee in favour of Director of Agriculture **on successful selection for empanelment.** The performance security shall be appropriated against breach of the terms and

condition of this EOI document. The bank guarantee shall be for a period of empanelment and it should be from Nationalized Bank only.

ANNEXURE – 1
PROFILE OF MANUFACTURER

Sr.	Particular	Detail												
1	Name of Manufacturer													
2	Nature of the Organization													
a	In case of Public/Pvt. Ltd company (attach copy of Certificate of incorporation & Memorandum and Articles of Associations)													
b	In case of Partnership Firm (attach copy of Partnership deed)													
c	In case of Proprietorship (Registration certificate, Factory registration, DIC –industrial registration)													
3	Registered Address of Manufacturing unit with Phone No. and Fax No.:													
4	Installed Capacity of Product Wise in MT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Product</th> <th style="text-align: center;">Installed Capacity (MT/year)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Product	Installed Capacity (MT/year)										
Product	Installed Capacity (MT/year)													
4	PAN (attach attested copy)													
5	GST Registration No. (attach attested copy)													
6	License No. and Validity (A copy of valid license under FCO, 1985 must be attached) For the offered product/s for empanelment													
7	Name of the Authorized Person													
8	Landline No.:													
9	Mobile No.:													
10	Email													

Note: All details on this page are mandatory to provide.

Please note that any communication regarding this empanelment exercise will be sent to the details provided on this page.

Sign & Stamp of Manufacturer

ANNEXURE – 2
LIST OF PRODUCT APPLIED FOR EMPANELMENT

Sr.	Name as per FCO	Name of Product	Name of Brand	Offered Pack Size (ml/liter/gm/kg etc)

Sign & Stamp of Manufacturer

ANNEXURE-3
SPECIFICATION AS PER FCO, 1985

(A) ORGANIC FERTILISER

1. CITY COMPOST

i.)	Moisture, per cent by weight	Maximum 25
ii.)	Colour	Dark brown to black
iii.)	Odour	Absence of foul odour
iv.)	Particle size	Minimum 90% material should pass Through 4.0 mm IS sieve
v.)	Bulk density(g/cm ³)	<1.0
vi.)	Total organic carbon per cent by weight, minimum	12.0
vii.)	Total nitrogen (as N) per cent by weight, minimum	0.8
viii.)	Total phosphates as (P ₂ O ₅) per cent by weight, minimum	0.4
ix.)	Total potash (as K ₂ O) per cent by weight, minimum	0.4
x.)	C:N ration	<20
xi.)	pH	6.5-7.5
xii.)	Conductivity (as dsm ⁻¹) not more than	4.0
xiii.)	Pathogens	Nil
xiv.)	Heavy metal content, (as mg/kg), maximum	
	Arsenic as (As ₂ O ₃)	10.0
	Cadmium (as Cd)	5.0
	Chromium (as Cr)	50.0
	Copper (as Cu)	300.0
	Mercury (as Hg)	0.15
	Nickel (as Ni)	50.0
	Lead (as Pb)	100.0
	Zinc (as Zn)	1000.0

2. PHOSPHATE RICH ORGANIC MANURE (PROM) AS PER FCO 1985

	Moisture, per cent by weight	25.0
i.)	Particle size	Minimum 90% material should pass through 4.0 mm IS sieve
ii.)	Bulk density(g/cm^3)	Less than 1.6
iii.)	Total organic carbon per cent by weight, minimum	7.9
iv.)	Total nitrogen (as N) per cent by weight, minimum	0.4
v.)	Total phosphates 9as (P_2O_5) per cent by weight, minimum	10.4
vi.)	C:N ration	Less than 20:1
vii.)	Ph (1:5 solution)	6.7
viii.)	Conductivity (as dsm^{-1}) not more than	8.2
ix.)	Heavy metal content, (as mg/kg), Per cent by weight, maximum Arsenic as (As_2O_3) Cadmium (as Cd) Chromium (as Cr) Copper (as Cu) Mercury (as Hg) Nickel (as Ni) Lead (as Pb) Zinc (as Zn)	10.0 5.0 50.0 300.0 0.15 50.0 100.0 1000.0

3. ORGANIC MANURE

i.)	Moisture per cent by weight, maximum	25.0
ii.)	Particle size	Minimum 90% material should pass through 4.0 mm IS sieve
iii.)	Bulk density(g/cm ³)	<1.0
iv.)	Total organic carbon per cent by weight, minimum	14.0
v.)	Total nitrogen (as N) per cent by weight, minimum	0.5
vi.)	Total phosphates (as P ₂ O ₅) per cent by weight, minimum	0.5
vii.)	Total potash (as K ₂ O) per cent by weight, minimum	0.5
viii.)	NPK nutrients – total N, P ₂ O ₅ and K ₂ O nutrients should not be less than 3%	
ix.)	C:N ration	<20
x.)	pH	6.5-7.5
xi.)	Conductivity (as dsm-1) not more than	4.0
xii.)	Pathogen	Nil
xiii.)	Heavy metal content, (as mg/kg), maximum	
	Arsenic as (As ₂ O ₃)	10.0
	Cadmium (as Cd)	5.0
	Chromium (as Cr)	50.0
	Copper (as Cu)	300.0
	Mercury (as Hg)	0.15
	Nickel (as Ni)	50.0
	Zinc (as Zn)	1000.0

4. **BIO-ENRICHED ORGANIC MANURE**

i.)	Moisture, per cent by weight	30-40
ii.)	Particle size	Minimum 90% material should pass through 4.0 mm IS sieve
iii.)	Bulk density(g/cm^3)	<1.0
iv.)	Total viable count (N.P, K and Zn Bacteria) or (N and P bacteria) or (N and K bacteria)	5.0×10^6 (within 3 months from the date of manufacture)
v.)	Total organic carbon per cent by weight, minimum	14.0
vi.)	Total nitrogen (as N) per cent by weight, minimum	0.8
vii.)	Total phosphates (as P_2O_5) per cent by weight, minimum	0.5
viii.)	Total potash (as K_2O) per cent by weight, minimum	0.8
ix.)	NPK nutrients – total N, P_2O_5 and K_2O nutrients should not be less than 3%	
x.)	C:N ration	<18
xi.)	pH	6.5-8.0
xii.)	Conductivity (as dsm-1) not more than	4.0
xiii.)	Heavy metal content, (as mg/kg), maximum	
	xiv.) Arsenic as (As_2O_3)	10.0
	xv.) Cadmium (as Cd)	5.0
	xvi.) Chromium (as Cr)	50.0
	xvii.) Copper (as Cu)	300.0
	xviii.) Mercury (as Hg)	0.15
	xix.) Nickel (as Ni)	50.0
	xx.) Lead (as Pb)	100.0
	xxi.) Zinc (as Zn)	1000.0

5. CASTOR DE-OILED CAKE and NEEM DE-OILED CAKE

Sr.	Parameter	Requirement
1	Moisture percent by weight, maximum	12
2	Color	Brown to Black
3	Odour	Typical only odour specific to the oil of that seed and no foul odour.
4	Ash Content percent by weight (maximum)	15.0
5	Total Organic Carbon, percent by weight, minimum	25.0
6	Total Nitrogen (as N) percent by weight, minimum	4.5
7	Total Phosphates (as P ₂ O ₅) percent by weight, minimum	1.0
8	Total Potash (as K ₂ O) percent by weight, minimum	1.0
9	C:N ratio	<10
10	PH	6.0-6.8
11	Particle Size	Not less than 75 percent of material shall pass through 4 mm IS seive

(B) BIOFERTILISERS

1. RHIZOBIUM			
(i)	Base	=	Carrier based* in form of moist/ dry powder or granules, or liquid based
(ii)	Viable cell count	=	CFU minimum 5x10 ⁷ cell/g of powder, granules or carrier material or 1x10 ⁸ cell/ml of liquid
(iii)	Contamination level	=	No contamination at 10 ⁵ dilution
(iv)	pH	=	6.5-7.5
(v)	Particle size in case of carrier based material	=	All material shall pass through 0.15-0.212 mm IS sieve
(vi)	Moisture percent by weight, maximum in case of carrier based	=	30-40%
(viii)	Efficiency Character	=	Should show effective nodulation on all the species listed on the packet.
*Type of carrier: The carrier material such as peat, lignite, peat soil, humus, wood charcoal or similar material favoring growth of the organism.			

2. AZOTOBACTER			
(i)	Base	=	Carrier based* in form of moist/dry powder or granules, or liquid based
(ii)	Viable cell count	=	CFU minimum 5×10^7 cell/g of carrier material or 1×10^8 cell/ml of Liquid
(iii)	Contamination level	=	No contamination at 10^5 dilution
(iv)	pH	=	6.5—7.5
(v)	Particle size in case of carrier based material	=	All material shall pass through 0.15-0.212 mm IS sieve
(vi)	Moisture percent by weight, maximum	=	30-40%
(viii)	Efficiency Character	=	The strain should be capable fixing at least 10 mg of nitrogen i g of sucrose consumed
"Type of carrier: The carrier material such as peat, lignite, peat soil, humus, wood charcoal or similar material favoring growth of the organism.			
3. AZOSPIRILIUM			
(i)	Base	=	Carrier based* in form of moist/dry powder or granules, or liquid based
(ii)	Viable cell count	=	CFU minimum 5×10^7 cell/g powder/granules or carrier material or 1×10^8 cell/ml of liquid material
(iii)	Contamination level	=	No contamination at 10^5 dilution
(iv)	pH	=	6.5—7.5
(v)	Particle size in case of carrier based material	=	All material shall pass through 0.15- 0.212 mm IS Sieve
(vi)	Moisture percent by weight, maximum	=	30-40%
(viii)	Efficiency Character	=	Formation of white pellicle in semisolid Nitrogen free bromothymol blue media
"Type of carrier: The carrier material such as peat, lignite, peat soil, humus, wood charcoal or similar material favoring growth of the organism.			
4. PHOSPHATE SOLUBILISING BACTERIA			
(i)	Base	=	Carrier based* in form of moist/dry powder or granules, or liquid based
(ii)	Viable cell count	=	CFU minimum 5×10^7 cell/s of carried material or 1×10^8 cell/ml of liquid material
(iii)	Contamination level	=	No contamination at 10^5 dilution
(iv)	pH	=	6.5—7.5 for moist/dry powder granulated carrier based and 5.0-7.5 for liquid based
(v)	Particle size in case of carrier based material	=	All material shall pass through 0.15-0.212 mm IS Sieve

(vi)	Moisture percent by weight, maximum	=	30-40%
(viii)	Efficiency Character	=	The strain should have phosphate solubilizing capacity in the range of minimum 30%, when tested spectrophotometrically. In terms of zone formation, minimum 5 mm solubilization zone in prescribed media having at least 3 mm thickness

*Type of carrier:

The carrier material such as peat, lignite, peat soil, humus, wood charcoal or similar material favoring growth of the organism.

5. POTASSIUM MOBILIZING BIOFERTILIZERS (KMB)

1	Base	=	Carrier based in form of moist/dry powder or granules, or liquid based
2	Viable cell count	=	CFU minimum 5×10^7 cells/g of powder, granules or carrier material on dry weightbasis or 1×10^8 cell/ml of liquid
3	Contamination	=	No contamination at 10^5 dilution
4	pH	=	6.5 - 7.5 for carrier based in form of powder or granules and 5.0 - 7.5 for liquid based
5	Particle size in case of carrier based moist powder	=	Powder material shall pass through 0.15 to 0.212 mm IS sieve
6	Moisture percent by weight, maximum in case of powder based	=	30-40
7	Efficiency character	=	Minimum 10 mm solubilization zone in prescribed media having at least 3 mm thickness

Type of carrier—The carrier material such as peat, lignite, peat soil, humus, talc or similar material favouring growth of micro-organisms.

6. ZINC SOLUBILIZING BIOFERTILIZERS (ZSB)

1	Base		Carrier based in form of moist/dry powder or granules, or liquid based
2	Viable cell count		CFU minimum 5×10^7 cells/g of powder, granules or carrier material on dry weight basis or 1×10^8 cell/ml of liquid
3	Contamination		No contamination at 10^5 dilution
4	pH		6.5 - 7.5 for carrier based in form of powder or granules and 5.0 - 7.5 for liquid based
5	Particle size in case of carrier based moist powder		Powder material shall pass through 0.15 to 0.212 mm IS sieve
6	Moisture percent by weight, maximum in case of powder		30-40

	based		
7	Efficiency character		Minimum 10 mm solubilization zone in prescribed media having at least ^ mm thickness.]
7. MYCORRHIZAL BIOFERTILISER			
1	Form/Base		Fine powder/tablets/granules/root biomass mixed with growing substrate
2	Particle Size for carrier based		90% should pass through 250 mm IS sieve powder formulation (60BBS)
3	Moisture content percent maximum		8-12
4	pH		6.0-7.5
5	Total viable propagules/gram of product		100 gm o finished product with minimum 60 spores per gram
6	Infectivity potential		Inoculum Potential : 1200IP/g {determination by MPN method with 10 fold dilution}
Type of carrier - The carrier material such as peat, lignite, peat soil, humus, wood charcoal or similar material favouring growth of organism			

8. LIQUID CONSORTIA		
(i)	Individual viable count in liquid base	CFU minimum in a mixture of any 2 or more of following micro-organisms CFU minimum Rhizobium or Azotobacter or Azospirillum 1×10^8 per ml CFU minimum PSB 1×10^8 per ml CFU minimum KSB 1×10^8 per ml
(ii)	Total viable count of all the biofertilizer organisms in the product	CFU minimum 5×10^8 cells Per ml of Liquid based
(iii)	Contamination	No contamination at any dilution
(iv)	pH	5.0 - 7.0
(v)	Efficiency character Azotobacter	The strain should be capable of at least 10 mg N-fixation/g of C- source
	Azospirillum	The strain should be capable of fixing at least 10 mg of N-fixation/ g malate applied
	PSB	Minimum 5 mm zone of solubilization zone on PSB media having at least 3 mm thickness
	KMB	Minimum 5 mm zone of solubilization. of KSB media having at least 3 mm

		thickness
	Rhizobium	Nodulation test positive.]

(C) MIRCO NUTRIENTS

1. Zinc Sulphate Mono-hydrate (ZnSO₄.H₂O)		
(i)	Free Flowing powder form	
(ii)	Zinc (as Zn) per cent by weight, minimum	33.0
(iii)	Sulphate sulphur (as S) per cent by weight, minimum	15.0
(iv)	Matter-insoluble in water per cent by weight, maximum	1.0
(v)	Iron (as Fe) per cent. By weight, maximum	1.0
(vi)	pH (5% solution) not less than	4.0
(vii)	Lead (as Pb) per cent by weight, maximum	0.003
(viii)	Cadmium (as Cd) per cent by weight, maximum	0.0025
(ix)	Arsenic (as As) per cent by weight, maximum	0.01

2. Copper Sulphate (CuSO₄.5H₂O)		
(i)	Copper (as Cu) per cent by weight, minimum	24.0
(ii)	Sulphatesulphur (as S) per cent by weight, minimum	2.0
(iii)	Matter insoluble in water per cent by weight, maximum	1.0
(iv)	pH (5% solution) not less than	3.0
(v)	Lead (as Pb) per cent by weight, maximum	0.003
(vi)	Cadmium (as Cd) per cent by weight, maximum	0.0025
(vii)	Arsenic (as As) per cent by weight, maximum	0.01
3. Ferrous Sulphate (FeSO₄.7H₂O)		
(i)	Ferrous iron (as Fe) per cent by weight, minimum	19.0
(ii)	Sulphatesulphur {as S} percent by weight, minimum	10.5

(iv)	Free acid (as H ₂ SO ₄) per cent by weight, maximum	1.0
(v)	Matter insoluble in water, per cent by weight, maximum	1.0
(vi)	pH (5% solution) not less than	3.5
(vii)	Lead (as Pb) per cent by weight, maximum	0.003
(iii)	Cadmium (as Cd) per cent by weight, maximum	0.0025
(ix)	Arsenic (as As) per cent by weight, maximum	0.001
4. Chelated Zinc as Zn-EDTA		
(i)	Appearance-Free Flowing crystalline or powder or tablet	
(ii)	Zinc content (Expressed as Zn) per cent by weight, minimum in the form of Zn-EDTA	12.0
(iv)	pH (5% solution) not less than	6.0-6.5
(v)	Lead (as Pb) per cent by weight, maximum	0.003
(vi)	Cadmium (as Cd) per cent by weight, maximum	0.0025
(vii)	Arsenic (as As) per cent by weight, maximum	0.001
5. Chelated Iron as Fe-EDTA		
(i)	Appearance-Free Flowing crystalline/powder	
(ii)	Iron content (Expressed as Fe) per cent by weight, minimum in the form of Fe-EDTA	12.0
(iv)	pH (5% solution) not less than	5.5-6.5
(v)	Lead (as Pb) per cent by weight, maximum	0.003
(vi)	Cadmium (as Cd) per cent by weight, maximum	0.0025
(vii)	Arsenic (as As) per cent by weight, maximum	0.001
6. Zinc Sulphate Monohydrate (Granular)		

(i)	Zinc (as Zn) per cent by weight, minimum	33.0
(ii)	Sulphate sulphur (as S) per cent by weight, minimum	15.0
(iii)	Matter-insoluble in water per cent by weight, maximum	1.0
(iv)	Iron (as Fe) per cent. By weight, maximum	1.0
(v)	pH (5% solution) not less than	4.0
(vi)	Lead (as Pb) per cent by weight, maximum	0.003
(vii)	Cadmium (as Cd) per cent by weight, maximum	0.0025
(viii)	Arsenic (as As) per cent by weight, maximum	0.01
(ix)	Particle Size – Minimum 90 per cent of the material shall be retained between 4 mm and 2 mm IS sieve.	

(D) 100% Water Soluble Complex Fertiliser

1. Potassium Nitrate (13-0-45)		
(i)	Moisture per cent by weight, maximum	0.5
(ii)	Total nitrogen (all in Nitrate form) per cent by weight, minimum	13.0
(iii)	Water soluble potassium (as K ₂ O) per cent by weight, minimum	45.0
(iv)	Sodium (as Na) per cent by weight, maximum	1.0
(v)	Total chloride (as Cl) per cent by weight, maximum	
(vi)	Matter insoluble in water, per cent by weight, maximum	0.5
2. Mono-Potassium Phosphate (0-52-34) (100% water soluble)		
(i)	Moisture per cent by weight, maximum	0.5
(ii)	Water soluble phosphorous (as P ₂ O ₅) per cent by weight, minimum	52.0
(iii)	Water soluble potassium (as K ₂ O) per cent by weight, minimum	34.0
(iv)	Sodium (as NaCl) per cent by weight, maximum	0.5
3. Calcium Nitrate		
(i)	Total nitrogen (Ammoniacal and Nitrate form) per cent by weight, minimum	15.5
(ii)	Nitrate nitrogen as N per cent by weight, minimum	14.5
(ii)	Nitrate nitrogen as N per cent by weight, minimum	14.5
(iii)	Water soluble calcium (as Ca) per cent by weight, minimum	18.5
(iv)	Matter insoluble in water per cent by weight, maximum	1.5
4. Potassium Magnesium Sulphate		
(i)	Moisture per cent by weight, maximum	0.5
(ii)	Water soluble potassium (as K ₂ O) per cent by weight, minimum	22.0
(iii)	Magnesium as MgO per cent by weight, minimum	18.0
(iv)	Sulphate Sulphur (as S) per cent by weight, minimum	20.
(v)	Total chloride (as Cl) per cent by weight, maximum	2.5
(vi)	Sodium (as NaCl), per cent by weight, maximum	2.0
5. Mono Ammonium Phosphate 12:61:0 (100% water soluble)		
(i)	Moisture per cent by weight, maximum	0.5
(ii)	Ammoniacal nitrogen per cent by weight, minimum	12.0
(iii)	Water soluble phosphorous (as P ₂ O ₅) per cent by weight, minimum	61.0
(iv)	Sodium as NaCl per cent by weight, maximum	0.5
(v)	Matter insoluble in water per cent by weight, maximum	0.5
6. Urea Phosphate 17:44:0 (100% Water Soluble)		
(i)	Moisture per cent by weight, maximum	0.5
(ii)	Total nitrogen (all in urea form) per cent by weight, minimum	17.0
(iii)	Water soluble phosphorous (as P ₂ O ₅) per cent by weight, minimum	44.0
(iv)	Matter insoluble in water per cent by weight, maximum	0.5
(v)	Particle size—Minimum 90 per cent of the material shall be retained between 1 mm and 4 mm IS sieve]	

ANNEXURE-4
CHECKLIST FOR FULFILMENT OF ELIGIBILITY CRITERIA

Sr.	Criteria	Documents/Detail required	Documentary Proof attached (Y/N) and Pg No.
1	Manufacturer who have necessary valid license under Fertiliser (Control) Order, 1985 & its latest amendments for all the respective products are eligible to participate in this EOI. Only manufacturers can apply in this EOI.	A copy of valid license under Fertiliser (Control) Order, 1985 & its latest amendments from Concerned Authority. The manufacturer should submit a copy of A2 clearly indicating the name of the product for which approval is received and Udyog Aadhar Registration	
2	A certificate from Deputy Director Agri (Ext) of the concerned district in the State of Gujarat shall be submitted by agency to ascertain their status as manufacturer. (i.e. concern district means - district where the manufacturing unit is located).	A copy of certificate from Deputy Director Agri (Ext) of concerned district to ascertain their status as manufacturer.	
3	For City Compost	For the city compost, the manufacturer should have tie-up with any municipal corporation, nagar pallika.	
2	In case of 100% Water Soluble fertiliser, the Authorised importer of a product, the authorised importer is allowed to participate in this EOI exercise subject to their product license under Fertiliser (Control) Order, 1985 and its latest amendments and license for Import of said product.	In case of Authorised importer of manufacturers, they shall provide authorisation letter from the parent manufacturer, FCO license copy and valid import license for the said product and copy of Import Export Code.	

ANNEXURE-5
PRICE OFFER FOR SUPPLY OF PRODUCT

EOI Notice No.:

To:

Director of Agriculture
Krishi Bhavan, Sector-10A,
Gandhinagar - 382010, Gujarat

Dear Sir:

I/ We hereby offer best price to the farmer for supply of fertiliser of the specified quality and specification given at **Annexure – 3** and as per the Terms of Reference given in this EOI Document. The rates are quoted in the prescribed format given below:

(Amt. in Rs.)

Price for Product to farmer/beneficiary							
Sr. No.	Name of Product as indicated in Annexure -3	Name of Brand	Pack Size (e.g. 5/25/100/250/500 etc.)	Units (i.e. ml/gm/kg etc.)	Price for Product defined as per Annexure -3	GST	Total Price Offer to Farmer
1							
2							
3							

Note:

- The price is at FOR respective dealer's location in the State of Gujarat

Signature of Manufacturer

ANNEXURE -6

PROFORMA OF GENERAL POWER OF ATTORNEY

(To be signed and executed on non- judicial Stamp Paper of Rs. 10/-)

Be it known all to whom it concern that:

1. Shri/Smt _____ S/O _____
Residing at _____
2. Shri/Smt _____ S/O _____
Residing at _____
3. Shri/Smt _____ S/O _____
Residing at _____

I/ We all the Partners/ Directors/ Board members/ trustees/ Executive council members/ Leaders of M/S _____ having its registered office at _____ hereby appoint Sri _____ S/O _____ residing at _____ as my/our attorney to act my/our name and on behalf and sign and execute all Documents/ Agreements binding the firm for all contractual obligations (including reference of cases to arbitrators) arising out of contracts to be entered into by the company/ Corporation/ society/ trust/ firm with the Office of (Authority), Krishi Bhavan, Sector-10A, Gandhinagar -382010 in connection with its EOI no. _____ dated _____ For _____ due for opening on _____ .

In short, he is fully authorized to do all, each and everything requisite for the above purpose concerning M/s _____ and I/We hereby agree to confirm and ratify his all and every act of this or any documents executed by my/ our said Attorney within the scope of the authority hereby conferred on him including references of cases to arbitration and the same shall be binding on me/ us and my/ our company/ Corporation/ society/ trust/ firm as if the same were executed by me/ us individually or jointly.

Witness (With address)

Signature of the Partners/ Directors/ Board Members Executives/ Trustees/ Council members

- 1)
- 2)
- 3)

ANNEXURE- 7
PACK SIZE TO BE OFFERED FOR EACH PRODUCT

100% Water Soluble Fertilizer

Sr.	100% Water Soluble Fertilizer	Packing Size(Kg)		
		1(Kg)	5(Kg)	25(Kg)
1	Potassium Nitrate (13-0-45)	1(Kg)	5(Kg)	25(Kg)
2	Mona potassium Phosphate (0-52-34)	1(Kg)	5(Kg)	25(Kg)
3	Calcium Nitrate	1(Kg)	5(Kg)	25(Kg)
4	Mono Ammonium Phosphate(12-61-0)	1(Kg)	5(Kg)	25(Kg)
5	Urea Phosphate (17-44-0)	1(Kg)	5(Kg)	25(Kg)
6	Potassium Magnesium Sulphate	1(Kg)	5(Kg)	25(Kg)

Bio Fertilizer

Sr.	Bio Fertilizer	Packing Size	
		500 (ml)	1000 (ml)
1	Rhizobium	500 (ml)	1000 (ml)
2	Azotobacter	500 (ml)	1000 (ml)
3	Azospirillum	500 (ml)	1000 (ml)
4	Phosphate Solubilising Bacteria	500 (ml)	1000 (ml)
5	Potassium Mobilising Bio Fertilizer	500 (ml)	1000 (ml)
6	Liquid Consortia	500 (ml)	1000 (ml)
7	Zing Solubilizing Biofertilizer	500 (ml)	1000 (ml)
8	Mycorrhizal Biofertilizer	5 (Kg),10 (Kg)	50 (Kg)

Micronutrient

Sr.	Micronutrient	Packing Size		
		25 (Kg)	50 (Kg)	
1	Ferrous Sulphate	25 (Kg)	50 (Kg)	
2	Zinc Sulphate Heptahydrate	10 (Kg)	25 (Kg)	50 (Kg)
3	Zinc Sulphate Monohydrate (Powder)	10 (Kg)	25 (Kg)	50 (Kg)
4	Zinc Sulphate Monohydrate (Granular)	10 (Kg)	25 (Kg)	50 (Kg)
5	Mix Micro Nutrient	5 (Kg)	10 (Kg)	25 (Kg)
6	Bentonite Sulphate	10 (Kg)	25 (Kg)	50 (Kg)
7	Chelated Zinc as Zn-EDTA	10 (Kg)	25 (Kg)	50 (Kg)
8	Chelated Iron as Fe-EDTA	10 (Kg)	25 (Kg)	50 (Kg)
9	Copper Sulphate (CuSO ₄ .5H ₂ O)	10 (Kg)	25 (Kg)	50 (Kg)

Organic Fertilizer

Sr.	Organic Manure	Packing Size
1	City Compost	50 (kg)
2	Phosphate Rich Organic Manure(PROM)	50 (kg)
3	Organic Manure	50 (kg)
4	Bio Enriched Organic Manure	50 (kg)
5	Castor De oil Cake (Divele Khol)	50 (kg)
6	Neem De Oil Cake (Limboliya Khol)	50 (kg)

ANNEXURE -8
LIST/DETAIL OF DEALERS OF GAIC/GUJCOMASOL/Registered Co-operative Societies.

List uploaded on n-procure